



GE
Lighting



18
kWh/1000h

A+
energy class

86
lumens/watt

GE LED T8 Basic Tube

LED 18/T8 1200MM/840/220-240V BX1/30

90455

Product information

The **GE LED T8** tubes offers safe, reliable and affordable energy saving alternatives to standard Fluorescent T8 lamps. Available in **2'/60cm, 4'/120cm and 5'/150cm** lengths, GE LED T8 Basic tubes can be quickly fitted onto electro-magnetic control gears or as a replacement on electronic gears with a simple re-wire.

Application areas



Office



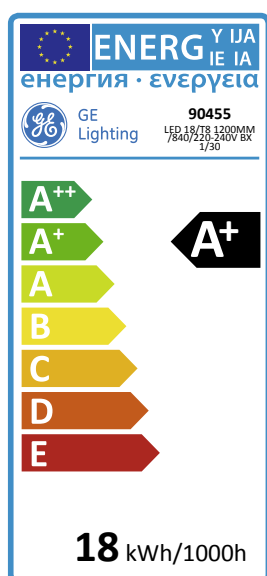
Hospitality



Industrial



Car park



WORLDWIDE PARTNER

Product data

Product Code	90455
Bulb Shape	T8
Bulb Finish	Diffuse
Bulb Diameter [mm]	28
Nominal Length [mm]	1200
Maximum Overall Length [mm]	1213.6
Net weight per piece [g]	350
Gross weight per piece [g]	482
Brand	General Electric (GE)
Cap/Base	G13

Performance data

Colour Code	840
Colour consistency	<6 steps
Nominal beam angle [°]	130
Rated Lumens [lm]	1550
Weighted energy consumption [kWh/1000h]	18
Nominal useful lumens [lm]	1550
Rated useful lumens [lm]	1550
Energy efficiency class (EEC)	A+
Rated life L70/B50 [h]	50000
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	1550
Colour Rendering Index (CRI) [Ra]	80

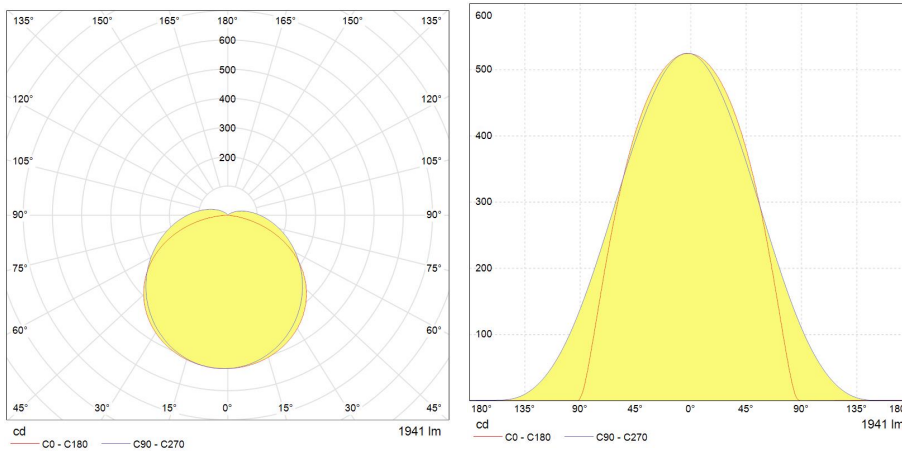
Electrical data

Nominal lamp power factor...	0.9
Rated power [W]	18.0
Lamp Current [A]	0.09
Design Ambient Temperature [°C]	-20 ... +40°C
Run-up time (sec)	<0.5
Starting time (sec)	<0.5
Power Factor	=> 0.9
Number of switching cycles	80000
Dimming Capability	No
Nominal power [W]	18
Nominal lamp voltage [V]	220

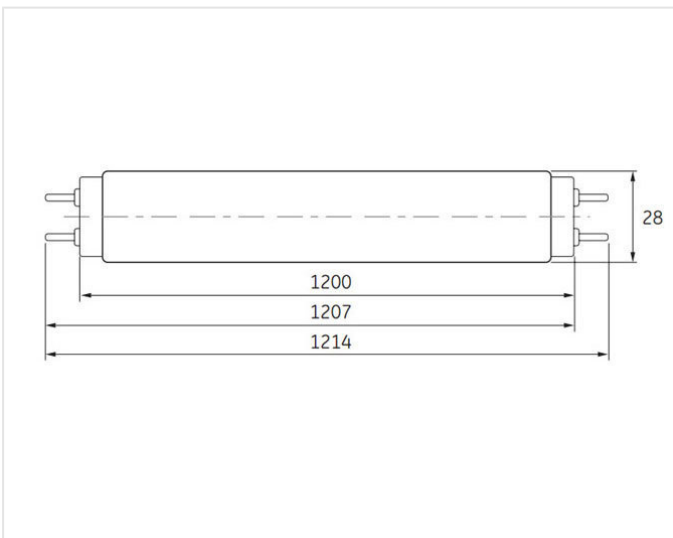
Logistic data

DUN Code	10043168904558
EAN Code	0043168904551
Pack Quantity	30
Inner pack type	SLEEVE
Outer pack type	BOX
Layer quantity EUR	90 Spec
Pallet quantity EUR (PC)	540 spec
Outer case size	1308 x 206 x 177 (mm)
Product status	Available

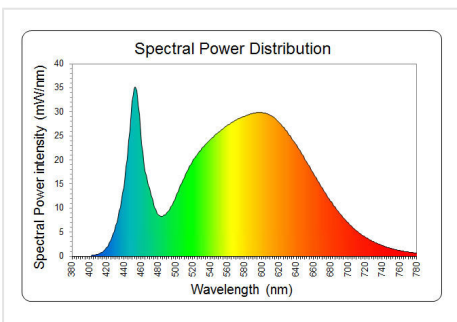
Photometric Data



Technical drawing



Spectral distribution



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Product datasheet \(PDF\)](#)

[Photometry \(IES\)](#)

[Installation Guide \(PDF\)](#)

[LED Lighting Solutions - Catalogue \(PDF\)](#)

[LED T8 Tubes installation guide \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[LED T8 range Datasheets \(HTTP\)](#)

[LED T8 Tube range Installation guide \(HTTP\)](#)

[High resolution images \(HTTP\)](#)

[LED T8 range images \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)